[0003]   The data transfer request is comprised of identification information such as a request source name, an address name, data types, a file name of transmission data, and the transmission request reception unit 3 passes it to the transmission processing unit 4.   The transmission processing unit 4 determines a data transmission line 6 which is connected the address designated at the data transmission request, read data from the designated file, transmits the data in accordance with a predetermined well-known transmission procedure, and distinguishes whether or not the reception is properly performed by receiving a response indicating a reception status from an apparatus of the address or by not obtaining a predetermined response within a planned length of time owing to line fault or the like.

[0004]   When it is properly received, the transmission result notification unit 5 makes a response to the request source indicating that the transmission is properly completed, thereby the process of a data transfer request is completed.   When it is abnormal, a re-transmission is attempted successively as necessary.   If the reception can still not be properly performed, the transmission result notification unit 5 makes a response to the request source indicating an abnormal termination, and thereby the process of a data transfer request is completed.